

Supplementary tables 2 to 4

	No lifetime SA, N=287 (63%)	Lifetime SA, N=169 (37%)	Odds ratio (OR) [95% confidence interval]	p-value (Chi ² or Mann- Whitney)	N
<i>Cigarettes per day</i>	16 (9)	21 (11)	1.05 [1.03;1.07]	<0.001*	411
<i>Sedative use disorder</i>	122 (46%)	112 (67%)	2.43 [1.63;3.65]	<0.001*	435
<i>Cocaine use disorder</i>	248 (91%)	148 (92%)	1.19 [0.6;2.46]	0.745	435
<i>Alcohol use disorder</i>	191 (71%)	126 (78%)	1.48 [0.94;2.37]	0.11	431
<i>Cannabis use disorder</i>	215 (79%)	136 (83%)	1.28 [0.78;2.15]	0.386	436
<i>Opiates use disorder</i>	204 (72%)	124 (73%)	1.09 [0.71;1.69]	0.761	454
<i>Number of SUDs ≥3</i>	117 (40.8%)	94 (55.6%)	1.82 [1.24;2.68]	0.002*	456
<i>Gender (Women vs. Men)</i>	51 (18%)	52 (31%)	2.05 [1.31;3.21]	0.002*	456
<i>Age</i>	39 (8)	39 (10)	1 [0.98;1.02]	0.849	456
<i>Homelessness ≥ 3 months</i>	64 (26%)	53 (35%)	1.53 [0.98;2.37]	0.073	399
<i>Number of current medications</i>	2.44 (1.98)	2.96 (1.88)	1.15 [1.04;1.27]	0.006*	456
<i>Current antidepressant treatment</i>	64 (22%)	49 (29%)	1.42 [0.92;2.19]	0.137	456
<i>Current number of psychotropic medications</i>	1.16 (1.08)	1.61 (1.14)	1.44 [1.21;1.71]	<0.001*	456
<i>Current number of non-psychotropic medications</i>	1.29 (1.42)	1.36 (1.29)	1.04 [0.9;1.19]	0.602	456
<i>Protocol of origin (#2 vs. #1)</i>	187 (65%)	117 (69%)	1.2 [0.8;1.81]	0.43	456

Supplementary Table 2: sample description and bivariate associations with lifetime suicide attempt (SA). Data are presented as median (interquartile range) or N (%). **p* <0.05 after Bonferroni correction for three tests.

	No lifetime SA, N=287 (63%)	At least one, but not serious SA, N=54 (12%)	At least one serious SA, N =114 (25%)	overall	<i>p</i> -value (Chi ² or Kruskal-Wallis)			N
					No SA vs. at least 1 non- serious SA	No SA vs. at least one serious SA	1 non-serious vs. at least one serious SA	
<i>One SA</i>	0 (0%)	23 (43%)	43 (38%)	<0.001*	<0.001*	<0.001*	0.614	454
≥ 2 SAs	0 (0%)	31 (57%)	70 (62%)					
<i>Cigarettes per day</i>	15 [10;20]	20 [10;26]	20 [15;25]	<0.001*	0.007*	<0.001*	0.982	410
<i>Sedative use disorder</i>	122 (46%)	34 (63%)	77 (69%)	<0.001*	0.043	<0.001*	0.571	434
<i>Cocaine use disorder</i>	248 (91%)	48 (96%)	100 (91%)	0.511	0.515	1	0.515	434
<i>Alcohol use disorder</i>	191 (71%)	44 (81%)	81 (76%)	0.194	0.444	0.492	0.596	430
<i>Cannabis use disorder</i>	215 (79%)	47 (92%)	88 (79%)	0.08	0.085	1	0.085	435
<i>Opiates use disorder</i>	204 (72%)	37 (69%)	86 (75%)	0.602	0.771	0.767	0.767	453
<i>Number of SUDs ≥ 3</i>	117 (41%)	34 (63%)	60 (53%)	0.003*	0.013*	0.061	0.274	455
<i>Gender (Women vs. Men)</i>	51 (18%)	22 (41%)	30 (26%)	0.001*	0.001*	0.087	0.087	455
<i>Age</i>	39 [32;45]	39 [29;45]	40 [32;46]	0.43	0.409	0.409	0.409	455
<i>Homelessness ≥ 3 months</i>	64 (26%)	13 (27%)	39 (38%)	0.076	1	0.105	0.398	398
<i>Number of current medications</i>	2 [1;4]	3 [1;4]	4 [2;4]	0.005*	0.299	0.004*	0.217	455
<i>Current antidepressant treatment</i>	64 (22%)	19 (35%)	30 (26%)	0.121	0.192	0.468	0.468	455
<i>Current number of psychotropic medications</i>	1 [0;2]	2 [1;2]	2 [1;2]	<0.001*	0.007*	0.001*	0.832	455
<i>Current number of non- psychotropic medications</i>	1 [0;2]	1 [0;2]	1 [0;2]	0.091	0.458	0.106	0.106	455
<i>Protocol of origin (#2 vs. #1)</i>	2 [1;2]	2 [1;2]	2 [1;2]	0.605	0.828	0.828	0.828	455

Supplementary Table 3: sample description and bivariate associations with serious suicide attempts (SA). Data are presented as median [interquartile range] or N (%). **p* <0.05 after Bonferroni correction for three tests. ^atest for trend significant at *p*<0.025 (Bonferroni correction for two rounds of tests applied for serious and recurrent SAs).

	No lifetime SA, N=287 (63%)	One lifetime SA, N=66 (15%)	≥2 lifetime SAs, N =102 (22%)	overall	p-value (Chi or Kruskal-Wallis)			N
					No SA vs. only 1 SA	No SA vs. ≥2SAs	only 1 SA vs. ≥2 SAs	
At least one, but not serious SA	0 (0%)	23 (35%)	31 (31%)	<0.001* ^a	<0.001	<0.001	0.614	454
At least one serious SA	0 (0%)	43 (65%)	70 (69%)					
Cigarettes per day, median (IQR)	15 [10;20]	20 [15;25]	20 [12;26]	<0.001* ^a	0.005	<0.001	0.626	410
Sedative use disorder	122 (46%)	38 (58%)	74 (73%)	<0.001* ^a	0.083	<0.001	0.083	434
Cocaine use disorder	248 (91%)	54 (87%)	93 (95%)	0.217	0.567	0.384	0.384	434
Alcohol use disorder	191 (71%)	49 (79%)	76 (78%)	0.24	0.37	0.37	0.98	430
Cannabis use disorder	215 (79%)	55 (86%)	80 (81%)	0.455	0.788	0.82	0.788	435
Opiates use disorder	204 (72%)	50 (76%)	73 (72%)	0.782	1	1	1	453
Number of SUDs ≥3	117 (41%)	32 (48%)	62 (61%)	0.002* ^a	0.314	0.002*	0.238	455
Gender (Women vs. Men)	51 (18%)	18 (27%)	34 (33%)	0.003* ^a	0.17	0.005*	0.51	455
Age (median, IQR)	39 [32;45]	40 [31;44]	40 [32;47]	0.558	0.516	0.516	0.516	455
Homelessness ≥ 3 months	64 (26%)	16 (28%)	36 (39%)	0.066	0.924	0.089	0.332	398
Number of current medications	2 [1;4]	4 [1;4]	3 [2;4]	0.008* ^a	0.045	0.026	0.912	455
Current antidepressant treatment	64 (22%)	20 (30%)	29 (28%)	0.253	0.399	0.399	0.931	455
Current number of psychotropic medications	1 [0;2]	2 [1;2]	2 [1;2]	<0.001* ^a	0.012*	<0.001*	0.559	455
Current number of non-psychotropic medications	1 [0;2]	1 [0;2]	1 [0;2]	0.478	0.588	0.588	0.588	455
Protocol of origin (#2 vs. #1)	2 [1;2]	2 [1;2]	2 [1;2]	0.498	0.816	0.714	0.752	455

Supplementary Table 4: sample description and bivariate associations with recurrent suicide attempts (SA). Data are presented as median [interquartile range] or N (%). **p* <0.05 after Bonferroni correction for three tests. ^atest for trend significant at *p* <0.025 (Bonferroni correction for two rounds of tests applied for serious and recurrent SAs).